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Business Information

MR 73324
BEHQ-1201-15029 degussa.

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October 26, 2001

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Certified Mail / Return Receipt Requested

TSCA Document Processing Center
Attention: Section 8(e) Coordinator
Office of Pollution Prevention and Toxics
U.S. ENVIRONMENTAL PROTECTION AGENCY
1200 Pennsylvania Avenue, NW
Washington, D.C. 20460

Re: **Information Submitted under TSCA § 8(e)**

Dear Sir or Madam:

On October 24, 2001, Degussa/Goldschmidt Chemical Corporation ("GCC") received a technical and legal assessment of a laboratory report in German regarding an animal study conducted in Germany of an R&D product, "K 5259," consisting of 10 percent by weight of "1,2-propanediol" (CASRN 57-55-6) and 90 percent by weight of "siloxanes and silicones, diMe, 3-(Oxiranylmethoxy)propyl group terminated, quaternary reaction products with N,N-tetramethylhexyldiamine" (CASRN unknown). The translated report states as follows:

"The possible toxicity of K 5259 has been tested on two albino rabbits with an eye irritation test.

Each animal got 0.1 ml of the preheated substance (animal 1: 100 %; animal 2: 75 % in dipropylene glycol) given into the left conjunctiva sack of the left eye. The non-treated right eye was used as a control.

The tests produced the following results:

- *The first animal was dead within 1 hour. It was found dead at the time of the first observation.*
- *The second animal was observed after treatment. After 10-15 minutes, the animal had severe cramps, which lasted two minutes. After that, the animal died."*

GCC is reporting the foregoing information under TSCA § 8(e) as significant lethality observed in an animal study. The animal deaths were both unexpected and unusual for an eye irritation study. Accordingly, GCC considers the test results potentially reportable.

GCC has halted all importation of K 5259, which now exists in the United States solely as R&D samples within GCC's corporate laboratories. Accordingly, GCC has notified all affected personnel and potentially affected personnel of the adverse test results and steps to properly handle any sample material. GCC has implemented a plan to safely and properly dispose of all product samples. GCC has not distributed K 5259 to any third parties and has discontinued the product in the North American market.

Please direct any questions regarding this TSCA § 8(e) submission to the me at (804) 541-8658, ext. 321.

Sincerely,



Russell B. Mait

Director,

Environmental Health & Safety



BEHQ-01-15029

CC: Siegfried Menk; Roland Berger; Hardy Koska; Reinhold Brand; Georg Feldmann-Krane; Markus
Doerr; Kevin O'Hara; Jackie Pristas; Terry Vetter; Steven Mozucha; John Hodgson; Robert Bujalski



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